

Amendments to the Claims:

Please Amend the claims as follows.

1 **Claim 1 (Currently Amended):** In an electrodialysis system comprising a source of
2 concentrate fluid, a source of dilute fluid, a collector of treated concentrate fluid; a
3 collector of used dilute fluid, an anode, a cathode, a plurality of generally planar
4 spacers, a plurality of membranes interleaved with said spacers to define a plurality of
5 cells providing electrically conductive fluid connection between said anode and said
6 cathode, each of said spacers comprising:
7 a gasket defining a at least a first aperture and a second aperture, each of said first
8 and second apertures defining an independent cell between interleaved membranes.

1 **Claim 2 (Original):** The apparatus of Claim 1 wherein said apertures have the
2 shape of an abbreviated rectangle having squares removed from two diagonally
3 opposed corners.

1 **Claim 3 (Original):** The apparatus of Claim 2 wherein all corners of said apertures
2 are rounded.

1 **Claim 4 (Original):** The apparatus of Claim 1 wherein a conduit provides flow
2 communication between said first aperture and said second aperture.

1 **Claim 5 (Original):** The apparatus of Claim 1 wherein one or more bolts extend
2 through said spacers between said first aperture and said second aperture.

1 **Claim 6 (Original):** The apparatus of Claim 5 wherein said bolts are coated with an
2 electrically resistant material.

1 **Claim 7 (Currently Amended):** A method of electrodialysis treatment comprising
2 providing a source of concentrate fluid, providing a source of dilute fluid, providing a
3 collector of treated concentrate fluid; providing a collector of used dilute fluid,
4 providing an anode, providing a cathode, securing a plurality of generally planar

5 spacers and a plurality of membranes interleaved with said spacers to define a
6 plurality of cells, providing electrically conductive fluid connection between said anode
7 and said cathode, wherein each of said spacers comprises a gasket defining a at least
8 a first aperture and a second aperture, each of said first and second apertures
9 defining an independent cell between two common interleaved membranes.

1 **Claim 8 (Currently Amended):** A method in accordance with ~~Claim 6~~ Claim 7
2 wherein said apertures have the shape of an abbreviated rectangle having squares
3 removed from two diagonally opposed corners.

1 **Claim 9 (Original):** The method of Claim 8 wherein all corners of said apertures
2 are rounded.

1 **Claim 10 (Original):** The method of Claim 8 and further comprising the step of
2 providing flow communication from said first aperture to said second aperture.

1 **Claim 11 (Original):** An electrodialysis system comprising a source of concentrate
2 fluid, a source of dilute fluid, a collector of treated concentrate fluid; a collector of
3 used dilute fluid, an anode, a cathode, a plurality of generally planar spacers, a
4 plurality of membranes interleaved with said spacers to define a plurality of cells
5 providing electrically conductive fluid connection between said anode and said
6 cathode, each of said spacers comprising:

7 a gasket defining ~~an aperture defining~~ a plurality of apertures, each of said
8 apertures defining an independent cell between interleaved membranes, said
9 apertures having the shape of an abbreviated rectangle having squares removed from
10 two diagonally opposed corners.

1 **Claim 12 (Original):** The apparatus of Claim 11 wherein all corners of said
2 apertures are rounded.